



# SAFETY DATA SHEET

MAGIC BORAX GRANULAR

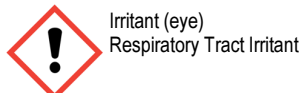
Revision Date 10-18-2022

## SECTION – 1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME** Magic Borax Granular **PRODUCT USE** General Purpose Flux **Item Number** 11950  
**COMPANY NAME** Magic Cast Products **Office** (870) 330-4061  
3500 Tennessee Road **Fax** (870) 330-4065  
Texarkana AR 71854 **Web** [www.magiccastproducts.com](http://www.magiccastproducts.com)  
**EMERGENCY TELEPHONE NUMBER** **INFOTRAC** (800) 535-5053

## SECTION – 2 HAZARDS INFORMATION

**PHYSICAL HAZARDS** None  
**HEALTH HAZARDS** EYES-Category 2A



**WARNING!** Causes eye irritation, Harmful if swallowed, May cause respiratory irritation, Do not get in eyes, and avoid inhalation of dust, Use personal protective equipment as required, Wash thoroughly after handling, Avoid release into the environment

## SECTION – 3 COMPOSITION INFORMATION (Exact percentage of the listed chemicals of composition has been withheld as a trade secret)

<u>CHEMICAL NAME</u>	<u>COMMON NAME AND SYNONYMS</u>	<u>CAS #</u>	<u>IMPURITIES</u>	<u>PERCENT</u>
Disodium Tetraborate	Sodium Tetraborate Decahydrate	1303-96-4		70 - 100%

The exact percentages (concentration) of mixture has been withheld as a trade secret in accordance to paragraph (i) of §1910.1200.

## SECTION – 4 FIRST AID MEASURES

**EYE CONTACT** Immediately flush eyes with cold water for at least 15 minutes while lifting upper and lower eyelids, Remove contact lenses if present and easy to do without injury to the eye and continue rinsing, Obtain immediate medical attention

**SKIN CONTACT** Wash contaminated skin with plenty of water, If irritation is present or occurs obtain medical attention

**INHALATION** Move person to fresh air, if they have problem breathing, show signs of overexposure or feel unwell obtain medical attention

**INGESTION** DO NOT INDUCE VOMITING. If person is fully conscious, rinse mouth out and give one to two glasses of water to dilute and obtain immediate medical attention

**Aspiration Hazard** Not applicable

### ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE

**Eyes** Can cause eye irritation, redness, tearing, pain  
**Skin** May cause skin irritation  
**Inhalation** Dust can cause irritation, to mucus membranes  
**Ingestion** Harmful if swallowed, May cause irritation, of the mouth, and throat, Minimal acute toxicity if swallowed

### CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE

**Eyes** Causes eye irritation, redness, tearing, pain  
**Skin** May cause skin irritation  
**Inhalation** Dust can cause irritation, to mucus membranes or respiratory tract  
**Ingestion** Harmful if swallowed, Can cause irritation, of the mouth, throat, and esophagus, Moderate acute toxicity if swallowed

**SECTION – 5 FIRE FIGHTING MEASURES**

**Extinguishing Media** Not flammable: Use extinguishing media for surrounding fire  
**Hazardous Decomposition** Burning or thermal decomposition can produce, sodium oxides, boron oxides  
**Reactive With** Reactive with, strong reducing agents, potassium, aldehydes  
**Explosion Hazards** Not applicable  
**Static Discharge** Not applicable  
**Mechanical Impact** Not applicable  
**Protective Equipment** Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear

<b>FLAMMABLE LIQUIDS HAZARD CLASSIFICATION</b>	
Criteria	Flash point > 93.3°C (200°F)
	NFPA Class III B
	GHS Not applicable
	WHMIS Not applicable

<b>NFPA HAZARD RATINGS</b>	
Health	2
Flammability	0
Reactivity	0
Personal Protection	FBG

**SECTION – 6 ACCIDENTAL RELEASE MEASURES**

**Emergency Procedures** Warn personnel of spill  
**Personal Precautions** Avoid slipping on spilled product  
**Protective Equipment** Safety Glasses, Gloves  
**Containment** Prevent spill from spreading or entering the environment  
**Clean Up Procedures** Vacuum or sweep up material and place in a disposal container  
**Disposal** Dispose of material in accordance with all State and Federal Guidelines and Regulations

**SECTION – 7 HANDLING AND STORAGE**

**Handling** Keep away from incompatible materials, Use appropriate safety equipment, Avoid eye contact, Avoid inhalation of dust, May cause respiratory irritation, Harmful if swallowed, Wash thoroughly after handling, Avoid release to the environment  
**Storage** KEEP OUT OF REACH OF CHILDREN, Keep container closed when not in use, Store away from incompatible materials  
**Incompatible Materials** Incompatible with, strong reducing agents, potassium, aldehydes

**SECTION – 8 EXPOSURE CONTROLS / PERSONAL PROTECTION**

<b>EXPOSURE LIMITS</b>					<b>Significant Exposure</b>
<b>CHEMICAL NAME</b>	<b>ACGIH (TWA 8)</b>	<b>ACGIH (STEL)</b>	<b>OSHA PEL (TWA 8)</b>	<b>OSHA (CEIL)</b>	
Disodium Tetraborate	2 mg/m <sup>3</sup>	6 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>		RT

**PERSONAL PROTECTIVE EQUIPMENT**



Chemical Safety Glasses, Goggles or Face Shield



Eye Wash (Recommended)



**Ventilation**

General Ventilation

<b>HMIS HAZARD RATINGS</b>	
Health	2
Flammability	0
Reactivity	0
Personal Protection	A

**SECTION – 9 PHYSICAL AND CHEMICAL PROPERTIES**

Flash Point	Not Flammable	Specific Gravity / Relative Density	ND
Flammable Limits	ND	Molecular Weight	ND
Auto-Ignition Temp.	ND	Initial Boiling Point	ND
Physical State	Solid	Boiling Range	ND
Appearance	White Powder	Vapor Pressure	ND
Odor	None	Vapor Density	ND
Odor Threshold	ND	Freeze Point	ND
Solubility	ND	Melting Point	ND
Volatiles	< 1%	Partition Coefficient	ND
VOC	< 1%	Decomposition Temperature	ND
pH (± 0.3)	ND	Evaporation Rate	ND

**SECTION – 10 STABILITY AND REACTIVITY**

Reactivity (Specific Test Data)	None available
Chemical Stability	Stable when stored below 49°C (120°F)
Hazardous Polymerization	Will not occur
Conditions To Avoid	Incompatible materials
Incompatible Materials	Incompatible with, strong reducing agents, potassium, aldehydes
Thermal Decomposition	Burning or thermal decomposition can produce, sodium oxides, boron oxides

**SECTION – 11 TOXICOLOGICAL INFORMATION****ROUTES OF EXPOSURE**

Eyes (Yes), Skin (Yes), Ingestion (Yes), Inhalation (Yes "Dust")

**ACUTE SYMPTOMS OF SINGLE OVEREXPOSURE**

Eyes	Can cause eye irritation, redness, tearing, pain
Skin	May cause skin irritation
Inhalation	Dust can cause irritation, to mucus membranes
Ingestion	Harmful if swallowed, May cause irritation, of the mouth, and throat, Minimal acute toxicity if swallowed

**CHRONIC SYMPTOMS OF PROLONGED OR REPEATED OVEREXPOSURE**

Eyes	Causes eye irritation, redness, tearing, pain
Skin	May cause skin irritation
Inhalation	Dust can cause irritation, to mucus membranes or respiratory tract
Ingestion	Harmful if swallowed, Can cause irritation, of the mouth, throat, and esophagus, Moderate acute toxicity if swallowed

Acute Tox Calculated      Oral:      2,400 mg/kg      Dermal:      10,000 mg/kg      Inhaled:      mg/L

Acute Tox Category    "Not applicable (Oral > 2,000 mg/kg)", "Not applicable (Dermal > 2,000 mg/kg)", "No data available (Inhaled)"

**Additional Info**

Target Organs	No target organs listed
Medical Conditions	No medical conditions known to be aggravated by the use of this product
Notes to Physician	Treat symptoms

**SECTION – 11 TOXICOLOGICAL INFORMATION - CONTINUED**

<u>ACUTE TOXICITY</u>	<u>Type</u>	<u>Form</u>	<u>Subject</u>	<u>Result Value</u>	<u>Exposure Time</u>	<u>GHS Category</u>
Disodium Tetraborate	LD50	Oral	Rat	2,400 mg/kg		(>2000 mg/kg)
	LD50	Inhaled	Rat	2.0 mg/L		4 (>1.0, ≤5 mg/L)
	LD50	Dermal	Rabbit	>10,000 mg/kg		(>2000 mg/kg)

**SECTION – 12 ECOLOGICAL INFORMATION**

<u>CHEMICAL NAME</u>	<u>Type</u>	<u>Subject</u>	<u>Subject Latin</u>	<u>Result Value</u>	<u>Exposure Time</u>	<u>GHS Category</u>
Disodium Tetraborate	LC50	Common Dab	(Limanda limanda)	74 mg/L	96 Hours	3 (>10, ≤100 mg/L)

**Presistence And Degradability** Not readily degradable

**Bioaccumulative Potential** No data available

**Mobility In Soil** No data available

**Other Adverse Effects** Harmful to aquatic life

**SECTION – 13 DISPOSAL CONSIDERATIONS**

**DO NOT DUMP INTO ANY STORM SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER**

**Dispose of any waste in accordance with all State and Federal Guidelines and Regulations**

**ENVIRONMENTAL FATE**

Under RCRA rules, it is the responsibility of the user of the product to determine, at the time of disposal, whether the material is a hazardous waste.

Chemical additions, processing or otherwise altering this material may make the waste management information presented in this SDS incomplete, inaccurate, or otherwise inappropriate.

**SECTION – 14 TRANSPORT INFORMATION****D.O.T. CLASSIFICATION**

<u>UN Number</u>	<u>Proper Shipping Name</u>				
Not Regulated	Non Hazardous – Compounds Cleaning Solid				
<u>Hazard Class</u>	<u>Packing Group</u>	<u>Label Codes</u>	<u>Reportable Quantity (lbs)</u>	<u>Response Code</u>	<u>Marine Pollutant</u>
None	PG III	None	None	154	No

## SECTION – 15 REGULATORY INFORMATION

**TSCA**

CHEMICAL NAME	Sec 8(b) Inventory	Sec 8(d) Health And Safety	Sec 4(a) Chemical Test Rules	Sec 12(b) Export Notification
Disodium Tetraborate	Yes			

**REPORTABLE QUANTITIES**

CHEMICAL NAME	Extremely Hazardous EPCRA TPQ Sec 302	Reportable Quantity EPCRA RQ Sec 304	Emission Reporting CERCLA RQ Sec 103	TRI Sec 313	RCRA Code	RMP TQ Sec 112r
None Listed						

**SARA**

CHEMICAL NAME	Section 311			Section 311 / 312 Hazards			
	Hazardous Chemical	Acute	Chronic	Flammable	Pressure	Reactive	
None Listed							

**RIGHT TO KNOW**

CHEMICAL NAME	STATE												
	CA	CT	FL	IL	LA	NJ	NY	PA	MI	MN	MA	RI	WI
Disodium Tetraborate						Yes		Yes				Yes	

**CALIFORNIA**

CHEMICAL NAME	CAS #	WARNING! This product contains chemicals known to the state of California to cause:			
		Birth Defects	Reproductive Harm	Carcinogen	Developmental
None Listed					

**CLEAN AIR WATER ACTS**

CHEMICAL NAME	CAS #	Clean Air Acts			Clean Water Acts		
		HAP	Ozone Class 1	Ozone Class 2	HS	PP	TP
None Listed							

**INTERNATIONAL REGULATIONS** – The components of this product are listed on the chemical inventories of the following countries:

CHEMICAL NAME	Australia	Canada	Europe (EINECS)	Japan	Korea	UK
Disodium Tetraborate			Yes	Yes	Yes	

**WHMIS Classification**

CHEMICAL NAME	DSL	Class	Description
Disodium Tetraborate	Yes	D-2A	Materials Causing Other Toxic Effects; Very Toxic Material

**DSCL (EEC)**

Code	Definition (R-Phrases / S-Phrases)
R22	Harmful if swallowed
R36/37	Irritating to eyes and respiratory system
S2	Keep out of the reach of children
S25	Avoid contact with eyes
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
S39	Wear eye/face protection
S46	If swallowed, seek medical advice immediately and show this container or label
S61	Avoid release to the environment
S62	If swallowed, do not induce vomiting; seek medical advice immediately and show this container or label where possible

## SECTION – 16 OTHER INFORMATION

SDS	Legend Description		
<b>ACGIH</b>	American Conference of Governmental Industrial Hygienists	<b>LD50</b>	Dose that is lethal to 50% of a given species by a given route of exposure
<b>CAS</b>	Chemical Abstracts Service Registry	<b>LEL</b>	Lower Explosive Limit
<b>CEIL</b>	Ceiling Limit (15 minutes)	<b>NA</b>	Not Applicable
<b>CERCL</b>	Comprehensive Environmental Response, Compensation, and Liability Act	<b>ND</b>	Not Determined
<b>EPA</b>	Environmental Protection Agency	<b>NE</b>	Not Established
<b>FBG</b>	Full Bunker Gear	<b>NFPA</b>	National Fire Protection Association
<b>HAP</b>	California Hazardous air pollutant Clean Air Act	<b>NIOSH</b>	National Institute for Occupational Safety and Health
<b>HMIS-A</b>	Safety Glasses	<b>NTP</b>	National Toxicology Program
<b>HMIS-B</b>	Safety glasses, gloves	<b>OSHA</b>	Occupational Safety and Health Administration
<b>HMIS-C</b>	Safety glasses, gloves, chemical apron	<b>PEL</b>	Permissible Exposure Limit (OSHA)
<b>HMIS-D</b>	Face shield, gloves, chemical apron	<b>PP</b>	California Priority Pollutant under the Clean Water Act
<b>HMIS-E</b>	Safety glasses, gloves, dust respirator	<b>REL</b>	Recommended exposure limit (NIOSH)
<b>HMIS-F</b>	Safety glasses, gloves, chemical apron, dust respirator	<b>SARA</b>	Superfund Amendments and Reauthorization Act
<b>HMIS-G</b>	Safety glasses, gloves, vapor respirator	<b>STEL</b>	Short Term Exposure Limit (15 minutes)
<b>HMIS-H</b>	Splash goggles, gloves, chemical apron, vapor respirator	<b>TC Lo</b>	Air concentration that is lethal to 50% of a given species in a given time
<b>HMIS-I</b>	Safety glasses, gloves, dust and vapor respirator	<b>TD Lo</b>	Lowest dose that is toxic to a given species
<b>HMIS-J</b>	Splash goggles, gloves, chemical apron, dust and vapor respirator	<b>TLV</b>	Threshold Limit Value (ACGIH)
<b>HMIS-K</b>	Air line hood or mask, gloves, full chemical suit, boots	<b>TP</b>	California Toxic Pollutant under the Clean Water Act
<b>HMIS-X</b>	Ask Supervisor	<b>TSCA</b>	Toxic Substances Control Act
<b>HS</b>	California Hazardous Substance under the Clean Water Act	<b>TWA</b>	Time Weighted Average (8 hours)
<b>IARC</b>	International Agency for Research on Cancer	<b>UEL</b>	Upper Explosive Limit
<b>LC50</b>	Air concentration that is lethal to 50% of a given species in a given time	<b>WHMIS</b>	Worker Hazardous Materials Information System (Canada)

Magic Cast Products

and nCites, L.L.C. have compiled the information herein from sources believed to be reliable and up-to-date, and is accurate to the best of our knowledge. However, we cannot give any guarantees regarding information from other sources or the completeness and expressly do not make warranties, nor assume any liability for its use. The information contained herein is provided for reference purposes only and is intended only for persons having relevant technical skills. Because conditions and manner of use are outside of our control, the user is responsible for determining the conditions of safe use of the product. Buyers and users assume all risk, responsibility and liability whatsoever from any and all injuries, losses, or damages to persons or property arising from the use of this product or information.

Supersedes Safety Data Sheet Dated 6/14/2017